



C A R L T O N U R B A N D I S T R I C T

C O U N C I L.

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

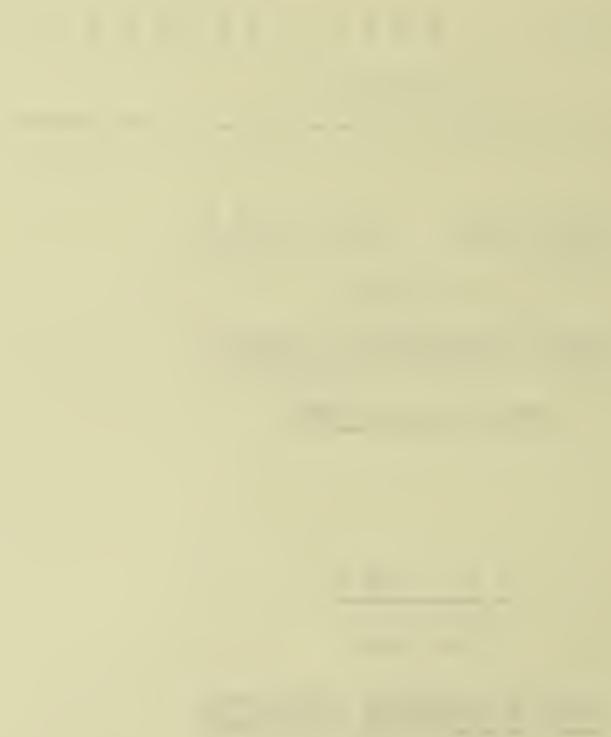
for the year 1947.

R E P O R T

of the

SENIOR SANITARY INSPECTOR

Appended.



PUBLIC HEALTH OFFICERS OF THE
LOCAL AUTHORITY.

<u>Medical Officer of Health :</u>	P. H. DEENY, M.B., B.Ch., D.P.H., Barrister-at-Law (Resigned March, 1947).
<u>Acting Medical Officers of Health :</u>	B. C. STEVENS, M.D., F.R.C.S, Ed., D.P.H. (Resigned November, 1947).
	A. B. CLARK, M.B., B.S., D.P.H. (Appointed November, 1947)
<u>Senior Sanitary Inspector:</u>	E. A. WRAGG, A.R. San. I., M.S.I.A., (a) (b)
<u>Additional Sanitary Inspectors:</u>	D. G. HATTER., M.S.I.A., (a) (b)
	H. T. MITCHELL., A.R.San.I., (a) (Appointed 1st November, 1947)
<u>Clerk Typist:</u>	Mrs. P. WOODWARD.
<u>Ambulance Drivers:</u>	J. E. BOWLER, D. DEAN, T. S. HORSEPOOL.

- (a) Sanitary Inspectors Certificate of the Royal Sanitary Institute and Sanitary Inspectors Examination Joint Board.
- (b) Certificate of the Royal Sanitary Institute for Inspectors of Meat and other Foods.

CARLTON URBAN DISTRICT COUNCIL.

ANNUAL REPORT 1947.

TO: The Chairman and Members of the Carlton
Urban District Council.

Mr. Chairman, Madam and Gentlemen,

I submit herewith the Annual Report for the year 1947 upon the Health Services of the Urban District of Carlton. It is gratifying to record that the health of the population generally continues satisfactory and that the vital statistics compare very favourably with the figures for the 148 Smaller Towns and are better than those for England and Wales.

VITAL STATISTICS.

POPULATION : 33,090.

<u>BIRTHS</u> :	Live 748	Male 369	Female 379
	Still 18	Male 12	Female 6

Illegitimate

Live	39	Male	19	Female	20
Still	1	Male	-	Female	1

DEATHS : 394 Male 205 Female 189

Deaths under

1 year	28	Male	19	Female	9
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(Of the 28 deaths of children under 1 year, 10 - 7 males and 3 females - were due to immaturity)

* This figure includes one illegitimate male child.

MATERNAL DEATHS : Nil.

<u>BIRTH RATE</u> :	Live :	22.61 per 1,000 population
	Still:	0.54 " " "

<u>DEATH RATE</u> :	11.91 " " "
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<u>INFANTILE DEATH RATE</u> :	37.43 per 1,000 live births.
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COMPARATIVE FIGURES.

	<u>CARLTON.</u>	<u>England and Wales.</u>	<u>148 Smaller Towns.</u>
Live birth rate	22.61	20.50
Still birth rate	0.54	0.50
Death rate	11.91	12.00
Infantile mortality rate	37.43	41.00
Diarrhoea and enteritis under 2 years per 1,000 live births	...	2.67	5.8
Puerperal fever and pyrexia per 1,000 total births (live and still)	2.61	7.16	6.27

The excess of births over deaths is 354 and the live births - 748 - are 97 more than the figure for 1946. The number of births for 1945 is exceeded by 203.

The Infantile Mortality Rate of 37.43 per 1,000 live births is higher than that for last year (33.8) and whilst lower than the rate for the country as a whole (41.00) slightly exceeds the figure for the 148 Smaller Towns (36.0).

The deaths are 32 more than in 1946 and as last year over one-third of the deaths occurred in persons of 75 years and upwards.

There were 39 children born to unmarried mothers (42 in 1946) and one only died before reaching the age of 1 year. Three such illegitimate children died in 1946.

DISEASES NOTIFIED in 1947.

DISEASE.	TOTAL NUMBER	DEATHS	REMOVED TO HOS PITAL.
Acute Poliomyelitis	1	-	1
Diphtheria	3	-	3
Erysipelas	7	-	1
Measles	203	-	-
Ophthalmia Neonatorum	4	-	-
Pneumonia	3	15	-
Puerperal Pyrexia	2	-	-
Scarlet Fever	28	-	13
Whooping Cough	45	-	3
Tuberculosis (Pulmonary)	35	19	
" (Other forms)	11	5	

NOTIFIABLE AND OTHER SPECIAL DISEASES.

ACUTE POLIOMYELITIS. There was a widely scattered incidence of the disease throughout the country, but only one case occurred locally. One other suspected case was subsequently notified as diphtheria.

DIPHTHERIA. The local incidence has been slight, only three cases being notified all of which made good recoveries. The number of notifications corresponds with that for last year and the very low incidence during the two years in question is undoubtedly a direct result of the active immunisation Campaign which has been carried on since 1941, both locally and nationally.

MEASLES. There has been an increase in the number of cases from 25 in 1946 to 203 for the year under report. The outbreak was not of the same proportions as the epidemic of 1944, and each quarter produced approximately the same number of cases.

SCARLET FEVER. Twenty-eight cases were notified, which number is almost the same as that for 1946 (29).

SCABIES. Fifty-seven cases - the same number as in 1946 - were notified. Soap, ointment, lotions &c., were supplied by the Health Department and a Cleansing Centre was operated at Park House Clinic. All cases were examined by the Medical Officer of Health, who directed treatment and gave a certificate when cured. The Scabies Order 1941 ceased to operate on 31st December, 1947 and for dealing with verminous conditions reliance must now be placed on the normal Statutory powers as contained in the Public Health Acts.

TUBERCULOSIS. The steep rise which occurred in the cases notified during 1945 and 1946 has ceased, but unfortunately there has been but little reduction in the notifications during the year under report, when 46 cases were notified. This figure is again more than twice that for 1944 which was 22.

WHOOPING COUGH. The incidence of this disease has been slight, 45 cases being notified. This number is 5 less than occurred during the previous year.

CANCER. Fiftyeight deaths occurred from this cause.

IMMUNISATION - DIPHTHERIA.

As in previous years facilities have been afforded by the Nottinghamshire County Council for your Council's Medical Officer of Health to carry out this work at Park House Clinic with the assistance of the Health Visitors. The arrangement made during 1946 with the Arnold Urban District Council for the attendance of Carlton residents at their immunisation sessions at the Mapperley Clinic has continued.

Number immunised: 389 (Total of 6030 since February, 1941)
Reinforcing injections : 100
Percentage of child population protected - 82%

CAUSES OF DEATH.

		Male.	Female.
Cerebro-spinal fever	...	1	-
Tuberculosis (pulmonary)	...	12	7
" (other forms)	...	3	2
Influenza	...	2	2
Acute infectious encephalitis	...	1	-
Cancer	...	27	31
Diabetes	...	3	1
Intra-cranial vascular lesions	...	13	22
Heart disease	...	64	69
Other diseases of circulatory system		6	5
Bronchitis	...	8	8
Pneumonia	...	9	6
Other respiratory disease	...	4	-
Ulcer of stomach or duodenum	...	6	1
Diarrhoea under 2 years	...	2	-
Appendicitis	...	2	-
Other digestive disease	...	2	8
Nephritis	...	5	4
Premature birth	...	7	3
Congenital malformations, birth injuries &c		6	6
Suicide	...	2	-
Road Traffic accident	...	2	-
Other violent causes	...	3	2
All other causes	...	15	12
		205	189
TOTAL :		394	

TUBERCULOSIS.

Age group.	New Cases				Deaths. (old and new cases)			
	Resp.		Non-resp.		Resp.		Non-resp.	
	M.	F.	M.	F.	M.	F.	M.	F.
1 - 5 years	-	-	-	-	-	-	-	-
5 - 15 "	3	3	2	1	-	1	-	1
15 - 25 "	5	3	2	1	2	4	2	-
25 - 35 "	5	5	-	-	-	1	-	1
35 - 45 "	3	2	1	-	2	1	-	-
45 - 55 "	3	-	1	1	2	-	1	-
55 - 60 " and over.	4	-	1	-	6	-	-	-
TOTALS .	23	13	7	3	12	7	3	2
			46				24	

Though the number of cases notified is 2 less than those occurring in 1946, it is higher than the 1945 figure and more than twice the number (22) notified in 1944.

Number on the Register 1st January, 1947	...	...	198
Number added or restored to the Register	...	...	46
Number removed from the Register	...	...	47
Number on the Register 1st January, 1948	...	...	197

Localisation of Disease in New Cases.

	Male .	Female .
Respiratory	...	23
Other forms	...	7
	30	16
<u>TOTAL : 46.</u>		

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

LABORATORY FACILITIES.

The services of the City Laboratory, Nottingham, are available for the examination of specimens for bacteriological and pathological diagnoses.

Samples of milk and other foods are delivered for examination to Mr. W. W. Taylor, B.Sc., F.R.I.C., City Analyst, Nottingham.

AMBULANCE SERVICE.

The Council provides an ambulance service which is operated by means of two ambulances and a car for sitting cases. During the year the under-mentioned cases were dealt with, in the course of which the vehicles travelled a total distance of 25, 869 miles.

REMOVALS .	TREATMENT CASES .	CASES DETAINED IN HOSPITAL	CASES FROM HOSPITAL	TOTAL .
51	1,276	781	290	2,398.

NURSING IN THE HOME.

The Carlton and District Nursing Association maintains three District Nurses, who carry out the general nursing in the Area.

CLINICS AND TREATMENT CENTRES.

The Clinics for pre-School and School Children together with the Ante-natal and Post Natal Centres are under the control and administration of the Nottinghamshire County Council.

INFECTIOUS DISEASES HOSPITAL ACCOMMODATION.

During the year the Infectious Diseases Hospital maintained by the South Notts. Joint Hospital Board at Debden Hall, Nr. Mansfield, was closed on account of difficulty in obtaining Staff.

All cases of infectious disease requiring Hospital treatment now have to be sent to Isolation Hospitals owned by other authorities which are able and willing to receive them. Whilst this arrangement has worked reasonably well, extreme difficulty has been experienced in one or two instances in obtaining accommodation, and should an epidemic occur there is no doubt that the position would be very serious.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

Apart from some sixty houses in Netherfield, the District is supplied from the Nottingham Corporation mains. The supply is satisfactory in quantity and quality and samples are regularly taken by the Nottingham Corporation Water Department. The water has no plumbo-solvent action.

All houses in the district - apart from a few habitations of a temporary character - have a mains supply laid on. Four houses only are supplied by one standpipe.

The sixty houses referred to above obtain water from a private well and bore, the water being pumped to a high level tank and the houses fed by gravity. The properties and water supply thereto are owned by British Railways. Two samples of the water have been taken during the year and the Analyst's reports (chemical and bacteriological) indicate that the water is suitable for human consumption and domestic purposes.

One dairy firm in the District makes use of a private well and bore. Analysis has proved the water to be satisfactory for human consumption, domestic and dairy purposes.

SEWERAGE.

Whilst the water carriage system prevails throughout the major portion of the district, there are between 40 and 50 houses in the more distant parts of the area drained to cesspools.

Twenty of these houses (in Buxton and Cromford Avenues) the cesspools of which have been a source of nuisance for years will be connected to the sewer, which is to be extended, during 1948.

It is unlikely that any appreciable number of the remaining properties will ever be connected to the sewer and difficulty will always be experienced in dealing with the contents of the cesspools owing to their inaccessibility and the heavy character of the soil.

HOUSE REFUSE.

Regular collections are made of house refuse, which is disposed by a system of "controlled tipping". The tip is located in the unpopulated part of the district.

EXTRACT FROM THE REPORT OF THE PUBLIC ANALYST Year ending 31st December, 1947.

Articles purchased for Analysis.	Examined by the Inspector.			Analysed by the Public Analyst		Result of proceedings taken in respect of adulterated samples.
	No.	Correct	Incorrect	No.	Result.	
Aspirin tablets				1	Genuine	
Bismark fillets				1	do.	
Herrings				1	do.	
Caraway seeds				1	do.	
Castor Oil				1	do.	
Cocoa				1	do.	
Coffee				1	do.	
Jelly Crystals				1	do.	
Macaroni in Cheese & Tomato Sauce				1	do.	
Margarine				1	do.	
Milk	12	12		1	do.	
Milk, condensed				2	do.	
Parsley				1	do.	
Sage				1	do.	
Sage and Onion Stuffing				1	do.	

MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936-1946 EXAMINED BY THE COUNTY BACTERIOLOGIST.

	No. of samples taken.	Complied.	Failed to Comply.
Tuberculin tested	-	-	-
Accredited	35	26	9
TOTAL	35	26	9

INFORMAL SAMPLES OF MILK TESTED BY THE
INSPECTORS BY THE "GERBER" TESTER.

		Correct.	Incorrect.
No. of samples taken by Inspectors	... 154	137	17
No. taken at farms -	-	-
No. submitted by milk vendors to Inspectors	6	2	4
TOTALS :	160	139	21

HOUSING.

1. Inspection of Dwelling houses during the year:-

1. (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	... ... ... ... ...	1,515
(b) Number of inspections made for the purpose	...	4,986
2. (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1936	...	-
(b) Number of inspections made for the purpose	...	-
3. Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	... ... ... ...	1
4. Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	1,514

2. Remedy of defects during the year without Service of Formal Notices:-

Number of defective houses rendered fit in consequence of informal action by the Local Authority or their Officers	744
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3. Action under Statutory Powers during the year:-

1 Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :-			
(a) Number of dwelling houses in respect of which notices were served requiring repairs	...	217	
(b) Number of dwelling houses which were rendered fit after service of formal notices :-			
(i) By Owners	... ... ...	134	
(ii) By the Local Authority in default of the Owners			26

2. Proceedings under Public Health Acts:-

(a) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	... ...	249
(b) Number of dwelling houses in which defects were remedied after the service of formal notices :-		
(i) By Owners	... ...	127
(ii) By the Local Authority in default of Owners	... ...	54

3. Proceedings under Sections 11 and 13 of the Housing Act, 1936 :-

(a) Number of dwelling houses in respect of which demolition Orders were made	... ...	-
(b) Number of dwelling houses demolished in pursuance of Demolition Orders	... ...	-
4. Proceedings under Section 12 of the Housing Act, 1936 :-		

(a) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	-
(b) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or room having been rendered fit	... ...	-

4. Housing Act, 1936. Overcrowding.

(a) (i) Number of dwellings overcrowded at the end of the year	... ...	15
(ii) Number of families dwelling therein	...	32
(iii) Number of persons dwelling therein	...	140
(b) Number of new cases of overcrowding reported during the year	... ...	8
(c) (i) Number of cases of overcrowding relieved during the year	... ...	-
(ii) Number of persons concerned in such cases...		-
(d) Particulars of any cases in which dwelling houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding	... ...	-
(e) Any other particulars in respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report...		-

It is almost certain that the particulars given on the previous page relating to overcrowding do not give a true picture of the position. Without carrying out a survey accurate figures cannot be obtained, but it is thought that many more cases exist than have come to the notice of the Local Authority.

The necessity for speedy progress with and the extension of the housing programme is indicated by the large number of applications for Council houses, which, on 31st December, 1947, were no less than 2,113.

NUMBER OF NEW HOUSES BUILT.

The new houses built during the year are :-

(a) By the Local Authority	...	...	...	140
(b) By Private enterprise	...	Temporary hutments		5
	...	...	...	84
	TOTAL	...	...	229

The numbers of post-War houses erected are therefore :-

(a) By the Local Authority	Permanent	...	148
	Prefabricated	...	100
(b) By Private enterprise	Temporary hutments		9
	...	...	174
	TOTAL	...	431

FACTORIES ACT, 1937.

Number of factories on Register 1947	...	...	...	...	92
Number of inspections 1947	...	...	...	...	119
Number of unsatisfactory conditions found	...	...	...	...	19
Number of unsatisfactory conditions remedied	...	...	...	...	7
Number of prosecutions instituted during the year	...	...	...	...	-
Number of inspections of outworkers' premises	...	...	...	...	83

As I only took up the appointment as Medical Officer of Health to your authority during the early part of 1948, it is difficult to offer detailed comments on the work carried out during 1947. The preparation and compilation of the major portion of the report - so far as facts and figures are concerned - has been carried out by the Staff of the Health Department, to whom I desire to express my thanks. I also record my appreciation to my fellow Officials for their co-operation and assistance.

I am, Madam, and Gentlemen,

Yours obedient Servant,

H. D. B. NORTH,

MEDICAL OFFICER OF HEALTH.

TO: The Chairman and Members of the CARLTON URBAN DISTRICT COUNCIL.

Mr. Chairman, Madam, and Gentlemen.

I have pleasure in presenting my Annual Report for 1947, my first complete year as Senior Sanitary Inspector to your Authority.

It will be seen from the report that a large proportion of the time of the Inspectorial Staff has been devoted to housing repair work. This has been unavoidable and is a direct result of difficulties with regard to labour and materials, together with the increased cost of repairs, which occasions unwillingness or inability on the part of some owners to execute the necessary work.

Special attention has been given during the year to the supervision of food supplies (including milk) with particular reference to retail shops. That such special attention was desirable is shewn from the number of notices served, details of which are supplied in the body of the report.

Certain duties carried out by the Department have not (on account of the time of necessity spent on housing repairs) received the attention they merit, but it is hoped that it will be possible to overtake such arrears of work during the year 1948.

I desire to express my thanks to the Chairman and Members of the Health and Sanitary Committee for their support and encouragement, to my fellow Officials for their co-operation and to the Staff of the Health Department for their efficient service.

I am, Madam, and Gentlemen,

Your obedient Servant,

E. A. WRAGG,

SENIOR SANITARY INSPECTOR.

COMPLAINTS.

During the year 1,334 complaints (written or verbal) were received, all of which were investigated and dealt with as circumstances indicated.

SUMMARY OF INSPECTIONS AND VISITS.PUBLIC HEALTH AND HOUSING ACTS.

Housing (Primary inspections)	...	...	...	1,515
(Secondary inspections)	...	...	...	3,471
Overcrowding	...	...	...	75
Temporary dwellings	...	...	...	41
Verminous premises	...	...	...	13
Stables and Pig Sty's	...	...	...	64
Animals and Poultry	...	...	...	30
Smoke Abatement	...	...	...	11
Drainage	...	...	...	189
Infectious diseases	...	...	...	77
Refuse accumulations	...	...	...	13
Dustbins	...	...	...	878
Workplaces	...	...	...	2

MILK AND DAIRIES.

Inspections of Producers premises	...	...	29
" " Retailers "	...	...	63
" " Pasteurisers "	...	...	14

FOODS AND DRUGS ACT.

Inspections of meat shops	...	...	99
" " other food shops	...	...	329
" " bakeries	...	...	29
" " fish and chip shops	32
Food inspection	28

SHOPS ACTS.

Routine and secondary inspections	531
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<u>SAMPLING</u>	Milk	143
	Ice-cream	32
	Water	6

<u>RENT RESTRICTIONS ACTS.</u>	35
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<u>FACTORIES ACT.</u>	Mechanical factories	113
	Non-mechanical factories	6
	Outworkers	83

<u>OTHERS</u>	99
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TOTAL : 8,050

DETAILS OF NOTICES SERVED AND COMPLIED WITH.

<u>(a) Informal.</u>		<u>Served.</u>	<u>Complied with.</u>
Housing Act, 1936, Section 9 and Public Health Act, 1936.		1593	1085
HOUSING DEFECTS.	TO: repair roofs	354	257
	repair or renew eaves gutters and downspouts	211	154
	repair or renew defective windows	204	153
	repair or renew defective floors	84	71
	repair or renew defective fireplaces	158	88
	repair or renew defective washcoppers	69	44
	repair or renew defective sinks and sink wastes ...	46	20
	repair or renew defective walls and ceilings ...	299	248
	others	155	161
SANITARY CONVENiences.	TO: cleanse	2	2
	repair or renew	375	266
DRAINS.	TO: cleanse	181	181
	repair or renew	71	61
DUSTBINS.	TO: renew	485	369
YARD PAVING.	TO: repair or repave	51	35
VERMIN.	TO: cleanse premises	-	-
FACTORIES.	Sanitary accommodation unsuitable or insufficient	14	6
ANIMALS.	Improperly kept	1	1
YARDS.	Cleansing of	1	1
WATERCOURSES.	Cleansing of	1	1
WATER SUPPLY.	Repair or renew	85	61

[¶] The figures given in this column do not include informal notices outstanding from the year 1946.

(b) Formal notices.

			(a) Served.	(b) Complied with.	(c) Work done by Council in default.
	Notices under Public Health Act, 1936.				
Section 93	(i) houses		8	17	-
	(ii) others		-	-	-
Section 39	Drainage		49	20	19
" 45	Sanitary conveniences		56	35	18
" 56	Paving		19	13	2
" 75	Dustbins		117	42	15
Housing Act, 1936, Section 9	...		217	134	26

PLEASE NOTE: The figures given in Column (a) above do not include Notices outstanding from 1946.

INFORMATIONS LAID :	Nil.
WORK DONE AFTER INFORMATION LAID ...	Nil.
WORK DONE AFTER JUSTICES ORDER ...	Nil.

PROVISION OF DUSTBINS.

The system adopted in 1946, whereby the dry ash collectors notify the Department of houses having defective dustbins, has been continued and by this means it is possible to ensure that all the bins in the district requiring renewal receive attention with a minimum of delay.

In addition to the 15 dustbins supplied in default of owners or agents, the Department supplied 465 bins on repayment.

INSPECTION AND SUPERVISION OF FOOD.

FOOD INSPECTION.

The following foods, which on examination were found to be unfit for human consumption, were either surrendered by owners for disposal or collected by the Ministry of Food Salvage Department.

Fish (tinned)	28 $\frac{1}{4}$
Fruit and vegetables (tinned) ...	27 $\frac{1}{2}$
Meat and Meat Products (tinned) ...	49 $\frac{3}{4}$
Milk (tinned)	89 $\frac{1}{2}$
Preserves (tinned)	19 $\frac{1}{2}$
Soup (tinned)	8 $\frac{1}{4}$
Bacon	15 $\frac{1}{2}$
Cheese	4 $\frac{1}{2}$
Chitterlings	28 $\frac{1}{2}$
Chutney	1
Dates	33
Eggs (dried)	13
Eggs (shell)	8 $\frac{1}{4}$
Fish	154
Jellies	15
Milk	10
Potatoes	4062
Prunes	25
Miscellaneous	3

5095 $\frac{1}{2}$ lbs.

= 2 tons 5 cwt s 1 qr. 17 $\frac{1}{2}$ lbs.

During the year 66 notices were served upon occupiers and/or owners of food premises regarding matters which required attention.

ICE CREAM.

A considerable amount of time has been devoted to the inspection of premises used for the manufacture and/or sale of ice-cream. Advice has been given to manufacturers concerning the provisions of the Ice Cream (Heat Treatment) Regulations, 1947. The Regulations have resulted in the majority of small manufacturers discontinuing the making of ice cream by the methods used hitherto, but numbers are now purchasing the article in bulk for re-sale or are to obtain a complete cold mix.

Details of premises registered and the effect of the coming in to operation of the Regulations are given below.

PREMISES REGISTERED FOR		PRIOR TO ICE CREAM (HEAT TREATMENT) REGS.			AFTER ICE CREAM (HEAT TREATMENT) REGS.		
Sale	Manufacture and Sale.	Sale	Manufacture	Not Operating	Sale	Manufacture	Not Operating
36	29	41	12	12	44	4	17

SAMPLES OF ICE-CREAM.

Sample No.	B. Count. (a)	B. Coli (b)	Methylene Blue Decolourised in (c)	Provisional Grade. (d)
1.	less than 1,000	Absent in 0.1 mil	4½ hrs.	1
2.	2,000	ditto.	4½ hrs.	1
3.	974,000	Present in 0.0001 mil.	0 hrs.	4
4.	612,000	ditto.	0 hrs.	4
5.	312,000	Absent in 0.1 mil	0 hrs.	4
6.	4,000	ditto.	1½ hrs.	3
7.	66,000	Present in 0.01 mil Absent in 0.001 mil	1½ hrs.	3
8.	4,000	Present in 0.1 mil Absent in 0.01 mil	4½ hrs.	1
9.	1,000	Absent in 0.1 mil.	4½ hrs.	1
10.	160,000	Present in 0.001 mil Absent in 0.0001 mil	2 hrs.	3
11.	36,000	Present in 0.1 mil. Absent in 0.01 mil.	4½ hrs.	1
12.	568,000	Present in 0.0001 mil.	1 hr.	3

The following standards are adopted by the Public Analyst for Nottingham for the bacterial quality of ice cream.

The plate count on Agar in 48 hrs. at 37°C should not exceed 200,000 per mil. B. Coli should not be present in 0.01 mil.

The provisional grades set out in Column (d) are based on the Ministry of Health's Methylene blue test.

MILK AND DAIRIES.

Total number of producers and purveyors of milk registered with the Authority	...	...	70
Producer retailers	...	...	2
Producers	...	...	8
Retailers (dairymen)	...	...	26
Retailers (purveyors)	...	...	34
<hr/>			
Number of licences granted to Pasteurise Milk	...	3	
Number of supplementary licences to use the special designation "Pasteurised"	...	...	2
Number of licences to use the special designation "Tuberculin Tested" "Certified" (dealer)	...	...	1
Number of licences to use the special designation "Tuberculin Tested" (dealers)	...	...	8
Number of supplementary licences to use the special designation "Tuberculin Tested"	...	...	1
Number of supplementary licences to use the special designation "Accredited"	...	...	1

As a result of the 106 inspections of dairy premises 24 notices were served requiring the execution of works, 18 of which had been complied with up to 31st December, 1947.

SAMPLES OF MILK TAKEN FOR ANALYSIS.

PASTEURISED MILK.

No. of samples taken.	Phosphatase Test.		Methylene Blue Test.	
	Passed	Failed.	Passed	Failed.
52	49	3	52	-

The causes of the failures of the three samples to pass the Phosphatase Test were investigated and steps were taken by the dairies concerned to avoid a repetition.

RAW MILK.

No. of samples taken.	KEEPING QUALITY.			
	Excellent.	Very good.	Good.	Fair.
21	4	13	3	1
All samples contained less than the accepted maximum amount of 2 parts moist dirt per 100,000 parts. Pus and blood cells absent.				

In addition 32 samples of Tuberculin Tested and Accredited milks were taken at the request and on behalf of the Ministry of Health. Twenty eight samples were reported to be satisfactory and 4 failed the prescribed tests.

One sample of Tuberculin Tested milk was taken as a result of a report from another authority. The sample failed the B. Coli test. The cause was discovered to be milk received by the bottling firm from a particular producer and the facts were forwarded to the County Medical Officer of the area in which the producer's premises are situate. No further complaint was received.

SHOPS ACTS, 1912 - 1936.

142 notices were served during the year in connection with contraventions of the Shops Acts, details of which are given below.

<u>ACT.</u>	<u>CONTRAVIEN TION.</u>	<u>NO. OF OFFENDERS.</u>
Shops Acts, 1912.	Assistants half-day notice not displayed Half-day closing notice not displayed Form K (seats for female assistants) not displayed	49 64 43
Shops Act, 1934.	Forms F. G. or H. not displayed	44
Shops (Sunday Trading Restriction) Act, 1936.	Sunday trading notice not displayed	35.

RATS AND MICE DESTRUCTION.

The destruction of rats and mice received its full share of attention. During the early part of the year, your Council employed a full-time Rodent Operator and work was carried out free of charge on all premises other than business premises. Expenditure under this Scheme ranked for grant-aid under the Ministry of Food.

From April the Rodent Operator was employed on a half-time basis, charges from this date being levied at the discretion of the Senior Sanitary Inspector.

A test baiting of the sewers in the area was carried out during the year and it is gratifying to be able to report that the sewers were found to be practically free from rats. Only one small "take" was recorded and that in Lowater Street, Carlton Hill.

No. of complaints received	...	...	181
No. of premises treated	...	...	298

